

Major Electrical Plan Submittal Changes

Effective March 18, 2019 in conjunction with adoption of the:

2017 National Electrical Code

210.71: Requirements for floor receptacle outlets in meeting rooms. This is of special concern for projects that begin as "Foundation Only". Plans submitted as "Foundation Only" are not reviewed by electrical plan review. It will be the responsibility of the Design Team and the Contractors to ensure any required floor boxes are installed prior to pouring concrete.

210.8(B): GFCI requirements expanded to include 150 volts or less single phase 50 amps or less and 150 volt or less 3 phase 100 amps or less installed in required locations.

210.12(C): AFCI protection required in guest rooms and guest suites.

409.22(B): Available short circuit current and short circuit current rating must be shown on the one-line at all Industrial Control Panels (This includes Elevator Controllers).

440.10 (A) and (B): Available short circuit current and short circuit current rating must be shown on one-line at all air conditioning and refrigeration equipment.

445.18(A), (B), and (C): Disconnect and prime mover shutdown for generators must be shown on one-line.

695.15: Surge protection must be shown on one-line in or on the fire pump controller.

700.3(F): For emergency systems with one source of alternate power a permanent switching means to connect a portable or temporary alternate source of power must be shown on the one-line diagram.

700.5(E): Available short circuit current and short circuit current rating must be shown on one-line at all transfer equipment.